

ABSTRACT OF THE DISCLOSURE

In a cluster system including a plurality of operating systems operating on one computer, computer resources can be updated for and reallocated to each operating system. When the operating systems are used as active or standby operating systems, a multiple operating system management controller monitors the state of each operating system. At a failure of an active operating system, the controller allocates a larger part of computer resources to another operating system in a normal state and assigns the operating system as a new active operating system. Regardless of the failure, the computer system can be operated without changing processing capability thereof. The controller can monitor load of each operating system to allocate computer resources to the operating system according to the load.